

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046522.D
 Acq On : 21 Dec 2021 11:54
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5040

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 21 14:09:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3747	0.481	ug/L	0.01
7) Chloroethane-d5	1.919	69	3260	0.575	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	1557	0.482	ug/L	0.01
20) 2-Butanone-d5	4.678	46	11758m	5.620	ug/L	0.03
24) Chloroform-d	5.070	84	7242	0.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	4341	0.563	ug/L	0.00
32) Benzene-d6	5.732	84	13452	0.500	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	4053	0.481	ug/L	0.00
41) Toluene-d8	7.902	98	11723	0.481	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1794	0.513	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	9833	5.850	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4343	0.595	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	4575	0.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7789	0.820	ug/L	100
3) Chloromethane	1.523	50	7467	0.788	ug/L	99
5) Vinyl chloride	1.610	62	7009	0.743	ug/L	93
6) Bromomethane	1.864	94	4486	0.800	ug/L	97
8) Chloroethane	1.941	64	4236	0.781	ug/L	97
9) Trichlorofluoromethane	2.147	101	8982	0.739	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4241	0.616	ug/L	93
12) 1,1-Dichloroethene	2.588	96	4613	0.696	ug/L	77
13) Acetone	2.694	43	12729m	9.311	ug/L	
14) Carbon disulfide	2.800	76	15077	0.709	ug/L	99
15) Methyl Acetate	2.977	43	2367	0.703	ug/L #	71
16) Methylene chloride	3.054	84	6404	0.667	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	13676	0.759	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	5047	0.704	ug/L	91
19) 1,1-Dichloroethane	3.883	63	9587	0.718	ug/L	99
21) 2-Butanone	4.748	43	17484	7.569	ug/L	77
22) cis-1,2-Dichloroethene	4.674	96	5558	0.717	ug/L	94
23) Bromochloromethane	4.980	128	2986	0.856	ug/L #	69
25) Chloroform	5.092	83	10640	0.736	ug/L	93
27) 1,2-Dichloroethane	5.800	62	7507	0.788	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	8718	0.732	ug/L	97
30) Cyclohexane	5.398	56	5846	0.519	ug/L	92
31) Carbon tetrachloride	5.530	117	6944	0.699	ug/L	99
33) Benzene	5.777	78	21365	0.713	ug/L	100
34) Trichloroethene	6.546	95	5634	0.724	ug/L	97
35) Methylcyclohexane	6.767	83	6275	0.536	ug/L	98
37) 1,2-Dichloropropane	6.796	63	5342	0.678	ug/L #	96
38) Bromodichloromethane	7.112	83	7584	0.765	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	7651	0.675	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	37638	7.054	ug/L	98
42) Toluene	7.973	91	20319	0.660	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	6983	0.697	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	4696	0.774	ug/L	96
47) Tetrachloroethene	8.558	164	3801	0.704	ug/L	98
48) 2-Hexanone	8.690	43	28425	7.398	ug/L	100
49) Dibromochloromethane	8.812	129	5293	0.767	ug/L	95
50) 1,2-Dibromoethane	8.928	107	4472	0.782	ug/L #	97
51) Chlorobenzene	9.449	112	14280	0.741	ug/L	98
52) Ethylbenzene	9.574	91	20604	0.643	ug/L	99
53) m,p-Xylene	9.697	106	7626	0.624	ug/L	94
54) o-Xylene	10.105	106	7142	0.601	ug/L	99
55) Styrene	10.118	104	11807	0.588	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	6178	0.799	ug/L	96
59) Bromoform	10.295	173	3101	0.823	ug/L #	96
60) Isopropylbenzene	10.488	105	18030	0.588	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	4695	0.821	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	14086	0.558	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	13466	0.532	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	9415	0.655	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	9927	0.680	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	9898	0.714	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	969	0.790	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	6981	0.647	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	5948	0.652	ug/L	97
71) Naphthalene	14.089	128	11144	0.573	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	5883	0.645	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

